

# **MEGA SPORT SPOT®**

**CORDED OR CORDLESS HALOGEN SPOTLIGHT**  
**3,000,000 POWER SERIES™**



## **OWNER'S MANUAL & WARRANTY INFORMATION**

THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING SAFETY, OPERATION, MAINTENANCE AND STORAGE OF THIS PRODUCT. BEFORE USING, READ AND UNDERSTAND ALL CAUTIONS, WARNINGS, INSTRUCTIONS AND PRODUCT LABELS. FAILURE TO DO SO COULD RESULT IN POSSIBLE INJURY OR PROPERTY DAMAGE.

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## **CONTENTS**

Introduction . . . . .	1
Cordless & Corded operation/ DC recharging . . . . .	2
DC 12 Volt power outlet usage Recharging with AC Adapter . . . . .	3
Bulb Replacement . . . . .	4
Battery Replacement . . . . .	6
Care and Maintenance . . . . .	7

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**NOTE: THIS UNIT IS SHIPPED IN A PARTIALLY CHARGED STATE.  
YOU MUST INITIALLY CHARGE FOR 12 HOURS USING AC METHOD**

## **INTRODUCTION**

Your new **Vector™ Mega Sport Spot®** is the most powerful handheld rechargeable spotlight available. With 3 million candlepower strength, its clean, twin beam carries up to 2 miles and focuses 50% more light on the target at a distance of 1000 ft (compared to similar products).

When fully charged, the **Mega Sport Spot®** provides up to 40 minutes of cordless use on a single beam, ultra bright illumination, using the latest ultra-white halogen technology.

The **Mega Sport Spot®** has many features that make it the best choice for home or outdoor use whenever you need to light up the darkness. It can be used cordless with it's rechargeable built in dual batteries or corded, using any vehicle's 12 volt DC universal accessory outlet.

The rechargeable batteries are easily recharged from a 12 volt DC or 110 volt AC power source, i.e., a vehicle's 12 volt DC accessory outlet, or a standard 110 volt AC household power socket.

The replaceable, twin, 100 watt, 12 volt ultra-white quartz halogen blue bulbs provide the most powerful beam of ultra-white light that penetrates rain, fog and smoke, also making an excellent source of emergency lighting during power outages. With proper care and use, it will give you years of dependable, supplemental lighting.

## **FEATURES:**

- **Mega Sport Spot®** uses the latest technology - high intensity, ultra white halogen bulbs for brighter illumination using less power
- Clean, tight beam carries up to 2 miles
- Computer designed parabolic reflector enhances long distance visibility
- Batteries recharge from home or vehicle (adapters included)
- Take anywhere - use cordless or plug into 12 volt DC outlet
- Use cordless - for up to 40 minutes of continuous use in a single beam (when fully charged)
- Use corded - plug into any 12 volt DC outlet for extended use or recharging
- Rugged, weather resistant, ABS construction
- Built in area light - operates up to 15 hrs. when fully charged
- Built in DC accessory socket to power most 12 Vvolt DC accessories
- Shoulder strap for comfort and ease

## CORDLESS OPERATION

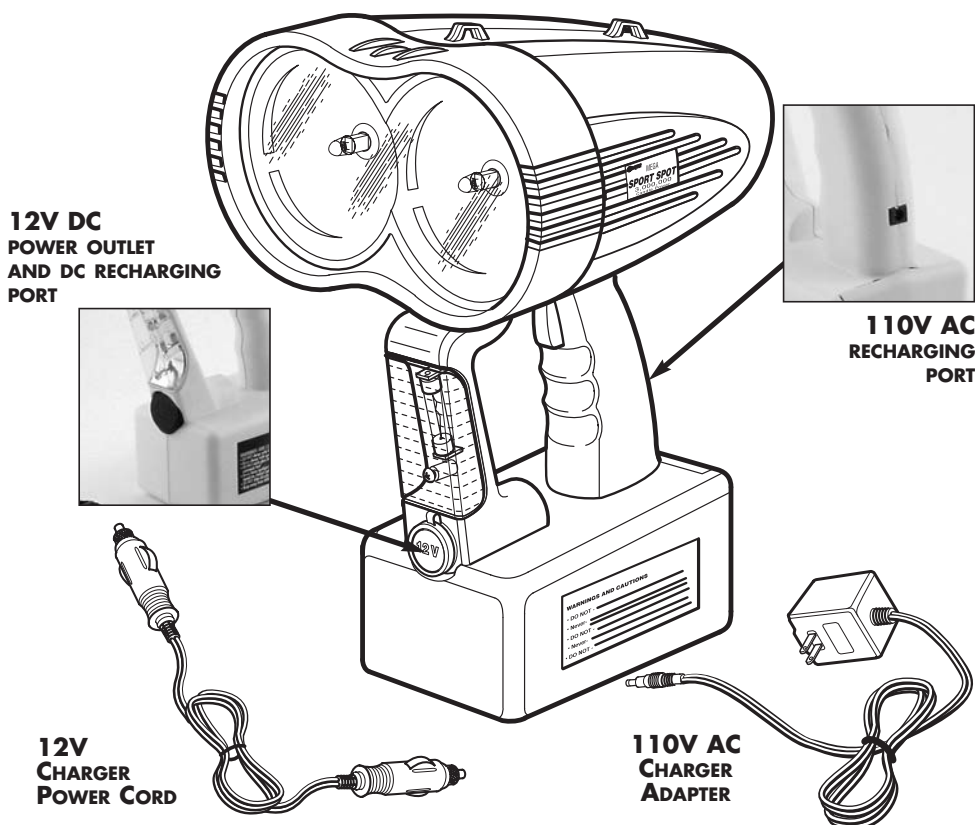
1. Before cordless use, charge battery fully with 110 volt AC battery charger adapter (included) (see instructions on page 4).
2. Move **"Slide switch"** on back of spotlight head to **full left position** to light area light.
3. Move **"Slide switch"** to **center position** and **pull trigger switch** to light one beam.
4. Move **"Slide switch"** to **full right position** and **pull trigger switch** to light both beams.

## CORDED OPERATION/DC RECHARGING FROM VEHICLE:

NOTE: During corded operation, the batteries will charge while the spotlight or area light is being used.

\* A full charge takes up to 2 to 3 hours using DC method with vehicle running.

1. Insert 12 volt DC power plug into DC power outlet on the unit.
2. Plug the other end into any vehicle's accessory receptacle or other compatible 12 volt DC power source that can supply at least 15 amps.



**BUILT IN DC POWER OUTLET:**

- Instant power to recharge or run 12 volt DC accessories.
- 12 volt portable power source. **CAUTION:** do not run 12 volt appliances that require more than 15 amps **Note:** the 12 volt DC power outlet is protected with a 15 amp automatic reset circuit breaker.

**DC POWER OUTLET USAGE:**

Perfect for boating, camping, traveling, worksite, or emergencies and Ideal for cell phones

- Rapid charges cell phones with cell phone 12 volt DC charging cord

**APPROXIMATE DC OUTLET RUN TIMES FOR VARIOUS ACCESSORIES:**

12 Volt Devices	Approx. Run Time*
Worklight, Cell Phone	9 - 17 HOURS*
Radio, Fan, Depth Finder	7 HOURS*
Camcorder, TV/VCR	3.5 HOURS*
Electric Tools, Bilge Pump	1.4 HOURS*
Raft Inflator / Deflator	1.2 HOURS*
Tire Air Compressor	30 Minutes*

**RECHARGING WITH 110 VOLT AC ADAPTER:**

**NOTE:** The 110 volt AC adapter provides a more effective charge compared to charging with a 12 volt DC power source.

1. Plug the 110 volt AC adapters into barrel connector AC charger port on the back of the **Mega Sport Spot®** handle.
2. Battery will be FULLY charged after 18 hours.
3. Unplug adapter and store in safe place.

**CAUTION:** • Do not charge **Mega Sport Spot®** with AC charger for more than 24 hours at any one time or you may damage the battery.

**WARNING:** • While recharging unit from DC or AC power, never expose to water

- Always recharge in a safe, ventilated area away from any fumes or flammables

**APPROXIMATE *Mega Sport Spot®* RUNTIME:**

Single Beam	up to 40 minutes
Both Beams	up to 20 minutes
Area/Utility Light	up to 15 HOURS

## SPOTLIGHT BULB REPLACEMENT:

Use only Vector™ ultra-white, 100 watt, 12 volt halogen replacement bulbs, designed specifically for the **Mega Sport Spot®**. Use of any other type bulb could result in poor performance and damage to your spotlight. Please read all instructions before proceeding with bulb replacement. Please contact Vector Technical Support for replacement bulbs and/or to have bulb replacement service done by Vector Technical Support. Contact (954) 584-4446 or Toll Free 866-584-5504

**WARNING:** Disconnect one battery wire before servicing the bulb.

**NOTE:** DO NOT TOUCH the glass bulb or the inside of the reflector with fingers. Natural oils from hands can adversely affect performance or cause the bulb to shatter when heated. Handle the bulb by its metal base only, and after it has sufficiently cooled.

Refer to Figures A & B (page 5) for Spotlight Bulb and Area Light Bulb Replacement

1. Slide protective rubber bezel forward and remove (Figure **A1**).
2. Remove both Phillips head screws from plastic front bezel (Figure **A2**).
3. Carefully remove glass lens and rubber O-ring (Figure **A3**).
4. Lift out metal reflector containing the two (2) halogen bulbs. (Figures **A4**).

**CAUTION: DURING BULB REPLACEMENT DISCONNECT THE POWER FROM BOTH LEAD ACID RECHARGEABLE BATTERIES BY DISCONNECTING THE RED (POSITIVE) TERMINAL CONNECTORS AT EACH BATTERY (Figures A5 & A6). PLEASE REFER TO SECTION TITLED BATTERY REPLACEMENT.**

5. When replacing bulbs from the twin beam metal reflector (Figure **B**), simply squeeze metal spring clip together, lift up and pull bulb out of reflector and disconnect bulb power cord lead.
6. Disconnect bulb wire from its terminal connection in the housing by holding the connector firmly and pulling the terminal connector out (Figure **B**).
7. To install new bulb, hold the bulb by its metal end and insert into the reflector mounting plate. Align the slots in the bulb base with those in the reflector mounting plate.
8. After bulb is replaced, reassemble all components carefully as shown in Figure **A**.

**WARNING: DO NOT FORGET TO RECONNECT BATTERY TERMINAL CONNECTORS BEFORE RE-ASSEMBLING. CONNECT RED WIRE (+) POSITIVE TERMINAL TO BATTERY (+) RED TERMINAL.**

## AREA LIGHT BULB REPLACEMENT:

Refer to area light lens cover (Figure **A7**)

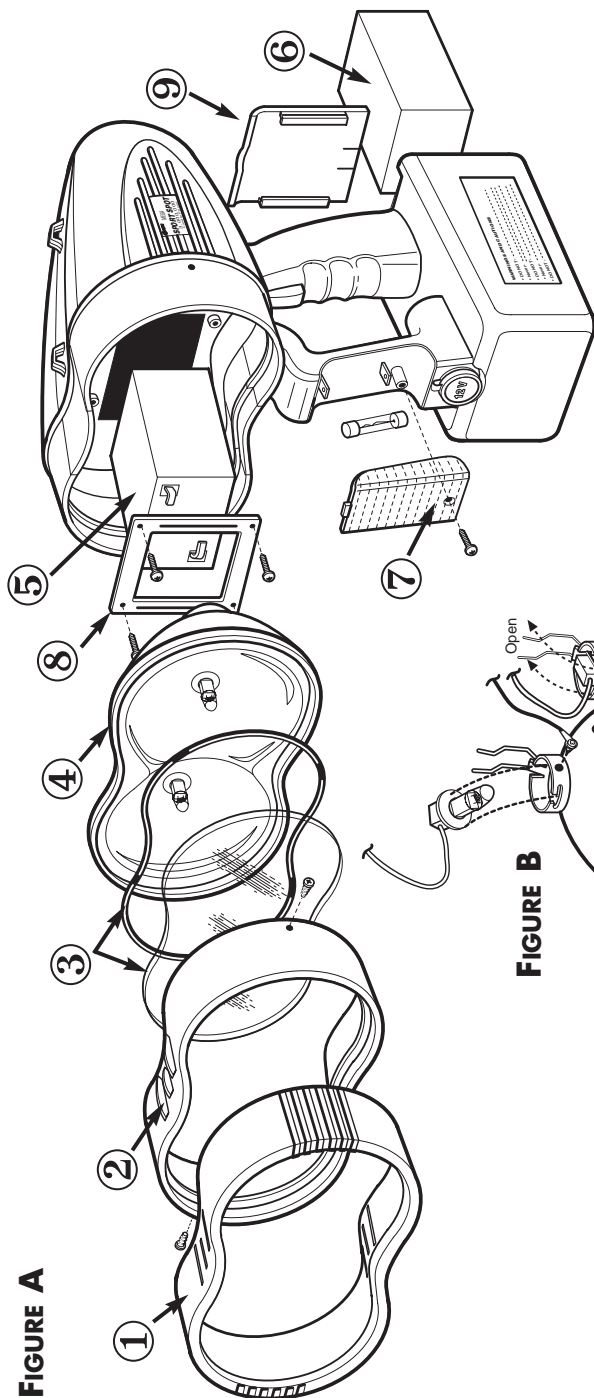
1. Remove single Phillips head screw from lens cover, pull outward from bottom of lens cover and remove.
2. Simply pull out bulb and snap new bulb in place without touching the glass bulb lens with your finger. Use a clean cloth to handle the bulb.

**NOTE:** Only use 12V, 3.6 watt, festoon type bulbs for replacement. Please contact Vector Technical Support for replacement bulbs (954) 584-4446 or toll free 866-584-5504

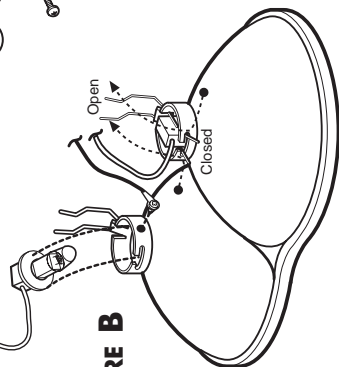
3. Replace lens cover by inserting upper lens tab first and push lens back into place. Replace Phillips head screw.

# MEGA SPORT SPOT® CORDED/CORDLESS HALOGEN SPOTLIGHT DIAGRAM

**FIGURE A**



**FIGURE B**



## **BATTERY REPLACEMENT:**

Contains two (2) 6V, 6amp hour, sealed, lead acid rechargeable batteries that, with proper care, should give you over 500 full cycles of discharge and recharge use.

**NOTE: DO NOT DISCHARGE BATTERIES COMPLETELY AS THIS SHORTENS THE LIFE OF THE BATTERY. DO NOT LEAVE THE MEGA SPORT SPOT WITHOUT RECHARGING FOR MORE THAN THREE (3) MONTHS, AS THIS WILL REDUCE THE LIFE OF THE BATTERY.**

To replace both batteries refer to Figure **A** (Page 5).

1. **Upper Housing Battery #1 Replacement** (Figure **A5**)- You must remove entire rubber bezel, lens and reflector assembly.
2. Remove the four (4) Phillips head screws (Figure **A8**) from battery retaining mount.
3. After removing all four (4) screws disconnect the battery terminals (red-positive) (black-negative).

**NOTE: REPLACE WITH SAME TYPE 6V, 6AMP HOUR, SEALED, LEAD ACID RECHARGEABLE BATTERY. CONTACT VECTOR TECHNICAL SUPPORT FOR REPLACEMENT BATTERIES (954) 584-4446 or toll free 866-584-5504.**

1. **Lower Housing Battery #2 Replacement** (Figure **A6**)-Simply slide open hatch cover (Figure **A9**) and remove.
2. Disconnect terminals (red-positive) (black-negative), slide out battery and replace.

**NOTE: REPLACE WITH SAME TYPE 6V, 6AMP HOUR, SEALED, LEAD ACID RECHARGEABLE BATTERIES. CONTACT VECTOR TECHNICAL SUPPORT FOR REPLACEMENT BATTERIES (954) 584-4446 or toll free 866-584-5504.**

**WARNING: WHEN INSTALLING A NEW BATTERY, OR SERVICING OR REPLACING BULBS, DO NOT FORGET TO RECONNECT BATTERY TERMINAL CONNECTORS BEFORE ASSEMBLING. CONNECT RED WIRE (+) POSITIVE TERMINAL TO BATTERY (+) RED TERMINAL, BLACK WIRE (-)NEGATIVE TERMINAL TO BATTERY (-)NEGATIVE TERMINAL. FAILURE TO DO SO WILL CAUSE A POSSIBLE SHORT CIRCUIT AND RISK OF SPARK AND/OR EXPLOSION, AS WELL AS VOID WARRANTY**

### **BATTERY ALERT:**

**CONTAINS SEALED, LEAD ACID BATTERY. MUST BE RECYCLED OR DISPOSED OF PROPERLY. DO NOT DISPOSE OF BATTERIES IN FIRE AS THIS MAY RESULT IN AN EXPLOSION. ANY DISPOSAL QUESTIONS CALL IN USA 1-877-288-7722. PLEASE READ INSTRUCTION MANUAL COMPLETELY FOR ALL SAFETY AND WARNING INSTRUCTIONS.**

## **WARNINGS:**

- 1.) Do not **charge** with 12V DC car cord for more than 3 hours maximum. Never leave **Mega Sport Spot®** unattended during DC charging.



- 2.) Do not touch glass lens during or immediately after operation - **Glass lens surface area gets extremely hot!**
- 3.) Never leave spotlight lens near any surface when spotlight is turned on. This can ignite or burn surface area - **Extremely hot! Light emits extreme heat during continuous use.**
- 4.) **Do not shine directly into eyes!** Keep away from children, this device is not a toy!
- 5.) Always store **Mega Sport Spot®** in a cool, secure and safe upright position so that unit can not be accidentally powered on when you're not present.
- 6.) Do not submerge **Mega Sport Spot®** in water or store in excessively damp area.
- 7.) While unit is recharging **do not** expose to water.
- 8.) Always recharge in a well ventilated area, away from any fumes, gases or flammables.

## **BATTERY DISPOSAL:**

Contains sealed lead acid battery. Must be recycled or disposed of properly. Do not dispose of batteries in fire as this may result in an explosion. Any disposal questions call 877-288-7722. Please read instruction manual complete for all safety and warning instructions.



## **CARE AND MAINTENANCE:**

- Always recharge batteries after each use
- Do not store with batteries in discharged condition
- Always store in a safe, secure location
- Keep stored away from excessively damp areas
- Never leave **Mega Sport Spot®** for longer than three months without recharging the batteries as this will shorten the battery life
- If **Mega Sport Spot®** is exposed to rain or excess moisture immediately wipe off and dry with soft (non abrasive) clean cloth
- For bulb and battery replacement on the **Mega Sport Spot®**, or any other service needed, it is recommended to send unit back to Vector for factory authorized service - contact Vector Technical Support at (954) 584-4446 or toll free 866-584-5504



- 1.** Computer designed precision twin beam parabolic reflector.
- 2.** Twin beam replaceable, ultra white, 100 watt, 12 volt, H-3 series blue bulbs.
- 3.** Rugged, weather resistant ABS housing.
- 4.** Protective rubber bezel.
- 5.** Convenient shoulder carry strap.
- 6.** Includes: (two) powerful 6 volt, 6 amp hour, sealed, lead, acid rechargeable batteries.
- 7.** 3 position switch for single beam, twin beam power, or area light selection.
- 8.** 110 volt AC adapter recharge power port.
- 9.** 12 volt DC accessory type socket for DC charging, corded use, and to run or recharge 12 volt accessories.
- 10.** 110/120 volt AC household outlet charge adapter.
- 11.** 12 volt DC power/ charging cord.
- 12.** Powerful area/utility light runs for up to 15 hours of continuous use.
- 13.** Spotlight beam trigger switch.

## 1 YEAR LIMITED WARRANTY PROGRAM

This limited warranty program is the only one that applies to this product, and it sets forth all the responsibilities of Vector Manufacturing, Ltd., regarding this product. There is no other warranty, other than described herein.

This Vector Manufacturing, Ltd. product is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users. Vector Manufacturing, Ltd. will not be responsible for any amount of damage in excess of the retail purchase price of the product under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This product is not intended for commercial use. This warranty does not apply to accessories or damage to units from misuse or incorrect installation. Misuse includes wiring or connecting to improper polarity power sources.

**RETURN/REPAIR POLICY:** Defective products, other than accessories, may be returned postage prepaid to Vector Manufacturing. Any defective product, other than accessories, that is returned to Vector Manufacturing within 30 days of the date of purchase will be replaced free of charge. If such a product is returned more than 30 days but less than one year from the purchase date, Vector Manufacturing will repair the unit or, at its option, replace it free of charge.

If the unit is repaired, new or reconditioned replacement parts may be used, at Vector Manufacturing's option. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under the terms of the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items after 30 days. During the warranty period, Vector Manufacturing, Ltd. will be responsible for the return shipping charges.

**LIMITATIONS:** This warranty does not cover accessories, bulbs, fuses and batteries, defects resulting from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire, flood and Acts of God.

If your problem is not covered by this warranty, call our Technical Support Department (954) 584-4446 or toll free (866) 584-5504 for general repair information and charges if applicable. You may also contact us through our website [www.vectormfg.com](http://www.vectormfg.com).

**STATE LAW RIGHTS:** This warranty gives you specific legal rights. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the exclusions or limitations stated herein may not apply. This warranty gives the purchaser specific legal rights; other rights, which vary from state to state, may apply.

**TO REQUEST WARRANTY SERVICE FOR THIS PRODUCT:** Contact Vector Manufacturing Technical Support by telephone, fax or mail. We suggest that you keep the original packaging in case you need to ship the unit. When returning a product, include your name, address, phone number, dated sales receipt (or copy) and a description of the reason for return and product serial number. After repairing or replacing the unit, we will make every effort to return it to you within four weeks.

**WARRANTY ACTIVATION:** Please complete Warranty Activation Card and mail to Vector Manufacturing. Enter VEC139 as Model and Mege Sports Spot® 3,000,000 Power Series™ as Product Type. All Vector Manufacturing, Ltd. products must be registered within 10 days of purchase to activate this warranty. Mail the completed registration card, along with a copy of the original sales receipt to:

**ATTN.: CUSTOMER SERVICE / VECTOR MANUFACTURING, Ltd.**

**4140 SW 28th Way, Ft. Lauderdale, FL 33312**

**PH: 954-584-4446 • TOLL FREE: 866-584-5504 • Fax: 954-584-5556.**

**You may also contact us at our web site [www.vectormfg.com](http://www.vectormfg.com).**

**WARRANTY IS NON-TRANSFERABLE AND NON-REFUNDABLE.**



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